

Converting Colors

XYZ(80.9642, 83.5145, 89.2191)

Have a look what the booklet for
XYZ(80.9642, 83.5145, 89.2191)
contains.

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Color

**XYZ(81.0929, 83.7835,
88.9886)**

Conversions

Conversions Part 1

Format	Color
Hex	F3EAE9
RGB	243, 234, 233
RGB Percent	95%, 92%, 91%
CMY	0.0471, 0.0823, 0.0863
CMYK	0.00, 0.04, 0.04, 0.05
HSL	6°, 29%, 93%
HSV	6°, 4%, 95%
XYZ	81.0929, 83.7835, 88.9886
YIQ	236.5770, 5.6850, 1.5970

Conversions

Conversions Part 2

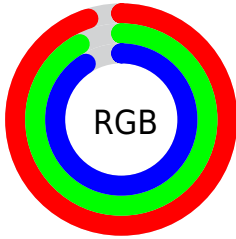
Format	Color
R _Y B	243, 234, 233
Decimal	15985385
CIE Lab	93.36, 2.86, 1.55
CIE LCh	93, 3.256, 28.507
Yxy	83.7835, 0.3194, 0.3300
Android (android.graphics.Color)	4294175465 (0xFF3EAE9)
YUV	236.5770, -1.7635, 5.6330
Hunter-Lab	91.5333, -2.0433, 6.4317

Details

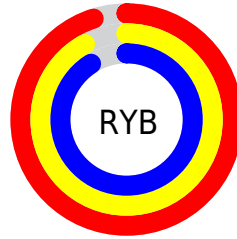
The XYZ color **81.0929, 83.7835, 88.9886** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.5339, 87.2976, 97.3478**, and the grayscale version is **80.1832, 84.3589, 91.8669**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.3497, 45.5799, 48.0553** is the 20% darker color. If you saturate the color by 10%, you get **72.0142, 70.8035, 69.9989**, and if you desaturate by 10%, it is **90.7726, 97.7949, 108.6998**.

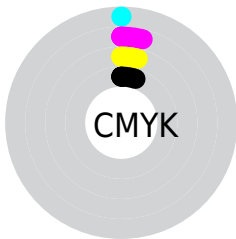
Distribution



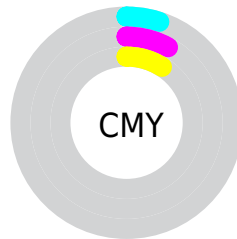
- Red (95%)
- Green (92%)
- Blue (91%)



- Red (95%)
- Yellow (92%)
- Blue (91%)



- Cyan (0%)
- Magenta (4%)
- Yellow (4%)
- Black (5%)



- Cyan (5%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.0929, 83.7835, 88.9886 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 81.0929, 83.7835, 88.9886 by changing the saturation by 10% instead.

81.0929, 83.7835,
88.9886

81.0929, 83.7835,
88.9886

487.2890,
507.5940, 545.2203

60.9297, 62.8367,
66.5731

133.8437,
138.6723, 147.8559

44.4207, 45.7091,
48.2784

167.1619,
173.3831, 185.1449

31.2007, 32.0163,
33.6858

205.5959,
213.4506, 228.2287

20.9043, 21.3740,
22.3769

249.5110,
259.2594, 277.5260

13.1661, 13.3976,
13.9332

299.2724,
311.1937, 333.4552

7.6208, 7.7029,
7.9360

355.2457,

3.9031, 3.9055,

369.6380, 396.4350

3.9668

417.7961,
434.9766, 466.8838

■ 1.6474, 1.6208,
1.6072

■ 0.4230, 0.3716,
0.2959

■ 81.0929, 83.7835,
88.9886

■ 81.0929, 83.7835,
88.9886

■ 72.0142, 70.8035,
69.9989

■ 90.7726, 97.7949,
108.6998

■ 64.1319, 59.4833,
53.6697

■ 57.3980, 49.7593,
39.8835

■ 51.7587, 41.5595,
28.5124

■ 47.1559, 34.8066,
19.4169

■ 43.5260, 29.4162,
12.4438

■ 40.7984, 25.2955,
7.4203

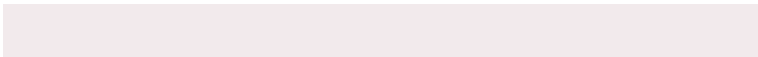
■ 38.8926, 22.3397,
4.1471

■ 37.7138, 20.4272,
2.3813

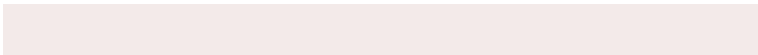
Harmonies

Analogous

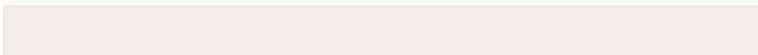
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.2950, 83.7835, 91.3492



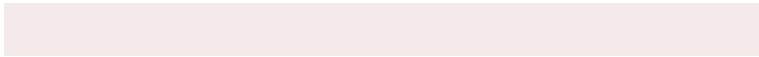
81.0929, 83.7835, 88.9886



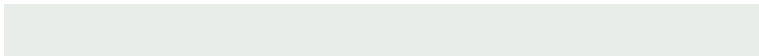
80.4990, 83.7835, 87.2545

Triad

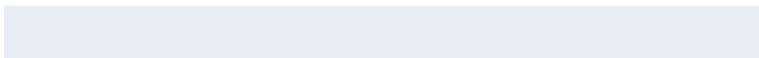
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.0929, 83.7835, 88.9886



78.2346, 83.7835, 88.7789



79.5907, 83.7835, 96.0333

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



81.0929, 83.7835, 88.9886



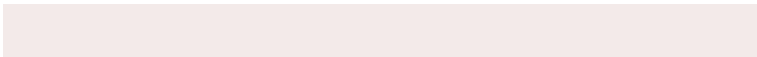
81.5339, 87.2976, 97.3478

Split Complementary

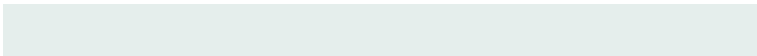
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.7746, 83.7835, 95.3162



81.0929, 83.7835, 88.9886



77.9952, 83.7835, 91.1029

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



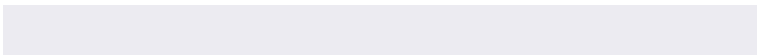
81.0929, 83.7835, 88.9886



78.8486, 83.7835, 87.1350



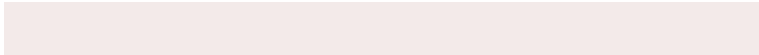
78.1921, 83.7835, 93.5006



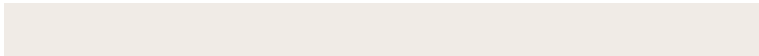
80.4240, 83.7835, 95.4431

Rectangle

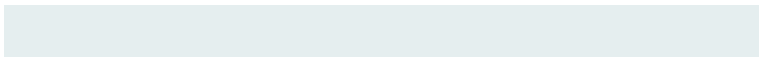
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



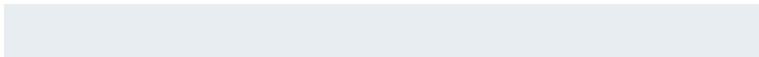
81.0929, 83.7835, 88.9886



79.9630, 83.7835, 86.6719



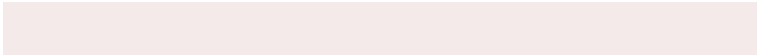
78.1921, 83.7835, 93.5006



79.3053, 83.7835, 95.9369

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



81.0953, 83.7871, 88.9904



93.9147, 98.3820, 106.5096



82.1292, 83.7446, 95.8410



20.1136, 21.0748, 22.8226



0.0000, 0.0000, 0.0000



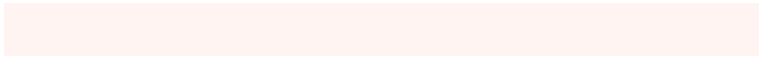
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.0953, 83.7871, 88.9904



89.5141, 92.1049, 97.2615



82.5377, 86.6720, 89.4712



17.4021, 17.8491, 18.7646



20.5139, 10.9133, 1.0253



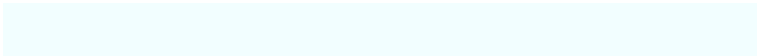
1.8469, 1.0470, 0.1047

Inverse Universe

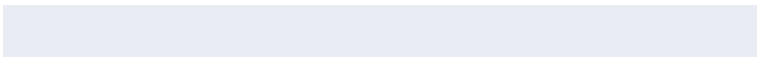
The Inverse Universe completely reimagines the original color for something new.



81.5339, 87.2976, 97.3478



90.1067, 96.8473, 108.5520



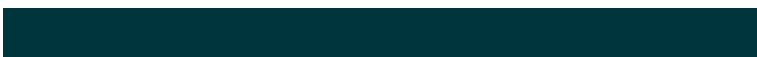
80.0673, 84.3643, 96.8589



17.5335, 18.9000, 21.2665



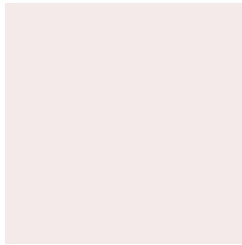
22.7815, 31.3568, 51.3898



2.0426, 2.8366, 4.5301

Previews

White Background



This preview shows how the XYZ color 81.0929, 83.7835, 88.9886 looks on a white background.

Color Contrast Check

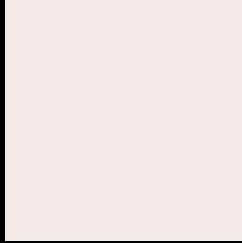
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 81.0929, 83.7835, 88.9886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

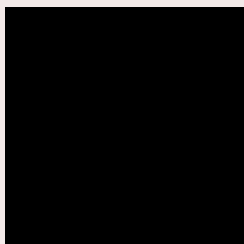
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

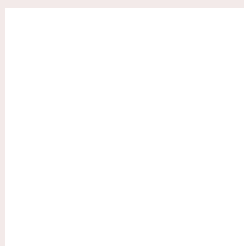
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.0929, 83.7835, 88.9886

Background



This preview shows how black text looks on a background with the XYZ color 81.0929, 83.7835, 88.9886.



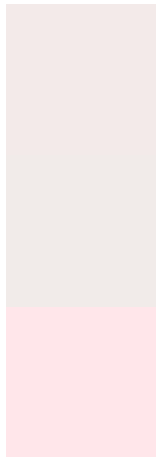
This preview shows how white text looks on a background with the XYZ color 81.0929, 83.7835,

88.9886.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

81.0929, 83.7835, 88.9886

Protanopia

80.6919, 84.0006, 89.0516

Deuteranopia

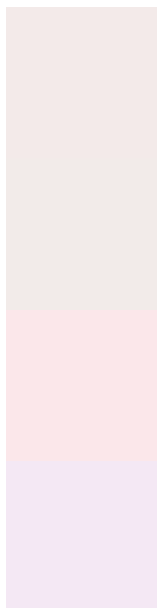
84.3881, 83.7941, 89.5681



Tritanopia

83.4874, 83.4664, 102.1529

Trichromacy



Original Color

81.0929, 83.7835, 88.9886

Protanomaly

81.0343, 84.1771, 89.0676

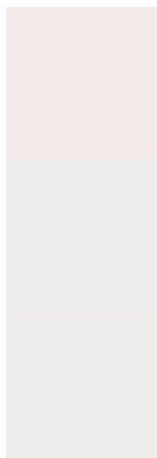
Deuteranomaly

83.2109, 83.6016, 89.5929

Tritanomaly

82.4940, 83.4780, 97.3529

Monochromacy



Original Color

81.0929, 83.7835, 88.9886

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.7324, 84.3978, 91.3922

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.0929, 83.7835, 88.9886 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(243, 234, 233) looks like.

```
.text, #text, p{  
    color:rgb(243, 234, 233)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(243, 234, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 234, 233) }
```

Border

The CSS property to change the border of an element to XYZ 81.0929, 83.7835, 88.9886 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(243, 234, 233) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(243, 234, 233) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(243, 234, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 234, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 234, 233);  
box-shadow:4px 4px 4px 4px rgb(243, 234,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 81.0929, 83.7835, 88.9886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 234, 233) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(243,  
234, 233) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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